LG
Life's Good

OWNER'S MANUAL

LG ATTUNE™

P/NO : MFL67224701(1.0)H

www.lgusa.com

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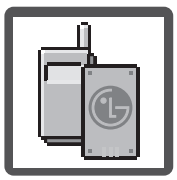
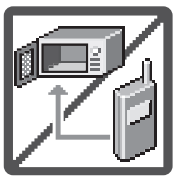
Important Safety Precautions

Read these instructions. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

WARNING! Violation of the instructions may cause serious injury or death.



1. Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.

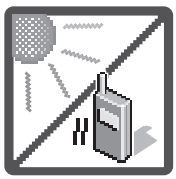


2. Never place your phone in a microwave oven as it will cause the battery to explode.
3. Never store your phone in temperatures less than -4˚F or greater than 122˚F.
4. Do not dispose of your battery by fire or with hazardous or flammable materials.

5. When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.

6. Do not use a hand-held phone while driving.
7. Do not use the phone in areas where its use is prohibited. (For example: aircraft)

Important Safety Precautions



1. Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.

2. Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.

3. Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.

4. Do not use your phone in high explosive areas as the phone may generate sparks.

5. Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause a fire or electric shock.

6. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.

7. Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.

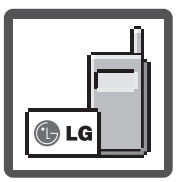
8. Do not disassemble the phone.

1. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
2. Do not hold or let the antenna come in contact with your body during a call.

3. Make sure that no sharp-edged items such as animal's teeth or nails, come into contact with the battery. This could cause a fire.
4. Store the battery out of reach of children.

5. Be careful that children do not swallow any parts (such as rubber plugs, earphone, connection parts of the phone, etc.) This could cause asphyxiation or suffocation resulting in serious injury or death.

6. Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
7. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.



8. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

9. Your service provider programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

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Welcome

Thank you for choosing the LG ATTUNE cellular phone designed to operate with the latest digital mobile communication technology, Code Division Multiple Access (CDMA). Along with the many advanced features of the CDMA system, this compact phone offers:

- Music playing capability.
- microSD™ card slot.
- Significantly enhanced voice clarity.
- Slim and sleek design with internal antenna.
- Large, easy-to-read, backlit LCD with status icons.
- Messaging, voice mail, and caller ID.
- 7 exterior keys, QWERTY keypad, and touchscreen.
- Speakerphone feature.
- 1.3 megapixel camera
- Menu-driven interface with prompts for easy operation and configuration.
- Any key answer, auto with handsfree answer, auto retry, one-touch and speed dialing with 99 memory locations.
- Bilingual (English and Spanish) capabilities.
- Bluetooth® wireless technology.

Note

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Technical Details

Important Information

This user's guide provides important information on the use and operation of your phone. Please read all the information carefully prior to using the phone for the best performance and to prevent any damage to or misuse of the phone. Any unapproved changes or modifications will void your warranty.

Technical Details

The LG ATTUNE is an all digital phone that operates on both Code Division Multiple Access (CDMA) frequencies: Cellular services at 800 MHz and Personal Communication Services (PCS) at 1.9 GHz.

CDMA technology uses a feature called DSSS (Direct Sequence Spread Spectrum) that enables the phone to keep communication from being crossed and to use one frequency channel by multiple users in the same specific area. This results in a 10-fold capacity increase when compared with analog mode. In addition, features such as soft / softer handoff, hard handoff, and dynamic RF power control technologies combine to reduce call interruptions.

The Cellular and PCS CDMA networks consist of MSO (Mobile Switching Office), BSC (Base Station Controller), BTS (Base Station Transmission System), and MS (Mobile Station).

* TSB-74: Protocol between an IS-95A system and ANSI J-STD-008

Technical Details

Its battery life is twice as long as IS-95. High-speed data transmission is also possible.

The following table lists some major CDMA standards.

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps radio link protocol and inter-band operations IS-95 adapted for PCS frequency band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS/651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem operations Non-signaling data comm.
Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Vehicle-Mounted the External Antenna

(Optional, if available.)

To satisfy FCC RF exposure requirements, keep 8 inches (20 cm) between the user / bystander and vehicle-mounted the external antenna. For more information about RF exposure, visit the FCC website at www.fcc.gov.

Caution

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin a minor burn may result. Contact your local dealer for a replacement antenna.

Part 15.19 statement

This device and its accessories comply with part15 of FCC rules. Operation is subject to the following two conditions:

(1) This device & its accessories may not cause harmful interference.

(2) This device & its accessories must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. if this equipment does cause harmful interference or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Technical Details

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses.

However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise.

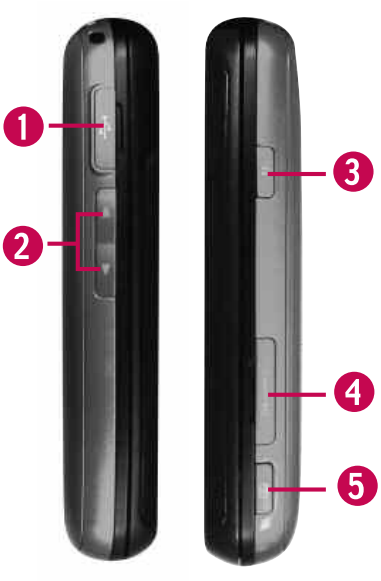
Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility.

If you have questions about return or exchange policies, consult your service provider or phone retailer.

Phone Overview

1. **Earpiece** Lets you hear the caller.
2. **Slide** Slide open to access the QWERTY keyboard.
3. **LCD Screen** Displays incoming calls, messages and status icons as well as a wide variety of content you select to view.
4. **SEND Key** Use to place or answer calls. You can also press to access your Call History.
5. **Earphone Jack** Allows the use of a headset to hear caller's voice.
6. **Clear/Back Key** Deletes single spaces or characters with a quick press. To delete entire words, press and hold this key. This key will also allow you to back out of menus, one level at a time. Press and hold from the standby screen to enable/disable the Speakerphone.
7. **PWR/END Key** Use to end a call. Also returns you to the Homescreen.
8. **Microphone** Allows other callers to hear you clearly when you are speaking to them.
9. **QWERTY Keyboard** Use to enter numbers and characters and select menu items.
10. **Camera Lens** Use to take photos. Keep it clean for optimal photo quality.

Phone Overview



1. **Accessory/Charger Port** Connects the phone to the battery charger or other compatible accessories.
2. **Volume Keys** Use to adjust the Master Volume from the Homescreen and the Earpiece volume during a call.
3. **Lock/Unlock Key** You can also lock and unlock the phone.
4. **microSD™ Slot** Accommodates optional microSD™ cards.
5. **Camera Key** Use for quick access to Multimedia functions. Press and hold to open the Camera.

Quick Keys

( )

1. For optimal performance, make sure your hands are clean and dry. Remove any moisture from the surface of your hands. Don't use in a humid environment.

2. Quick key sensors are sensitive to your light touch. You don't need to press them forcefully to use them. Protect your phone from severe impact and can cause the quick key sensors to become damaged from harsh use.

3. Use the tip of your finger to touch the quick key. If you touch off-center, it may activate the nearby function instead.

4. The touch feedback level can be adjusted to your preference.

5. When the LCD screen is off, the quick keys are deactivated. Press the Lock/Unlock Key ( ) to turn on the touchscreen and access the quick keys.

6. The Screen Lock feature protects against accidental key presses during phone calls.

7. Keep metal and other conductive material away from the surface of the quick keys. Contact may cause electronic interference.

WARNING

- Do not put heavy objects on the touchscreen.
- Be careful when sitting. Sitting on your phone can cause damage to the touchscreen.
- Do not drag or scratch your phone with any sharp materials.
- Do not keep your phone in extreme conditions (places that are too humid, hot, or cold).
- Keep chemicals away from your phone because they may change the cosmetic or functional features of your phone.

Phone Overview

The touchscreen is a great way to interact with the LG ATTUNE™'s software. Take a little time to become accustomed to using it. If it doesn't react as you expect, adjust the touchscreen calibration.

TIP Keep in mind that the smaller the text appears on the screen, the smaller the area of touch activation. Try zooming the screen in, if available, to increase the touch area.

Homescreens

Customize your touchscreen to have instant access to features you want to keep as close as a single finger touch.

The LG ATTUNE™ has three Homescreens for quick, direct access to several frequently used device features.

Main: Displays your Clock and/or Date, Shortcuts or the Calendar. Customize your preferences through the Display Settings menu.

Contact: Add up to 11 contacts and groups then make calls or send and review messages from the Homescreen.

Messages: Shows all messages sent to or received from your contacts grouped by time.

Main

Contact

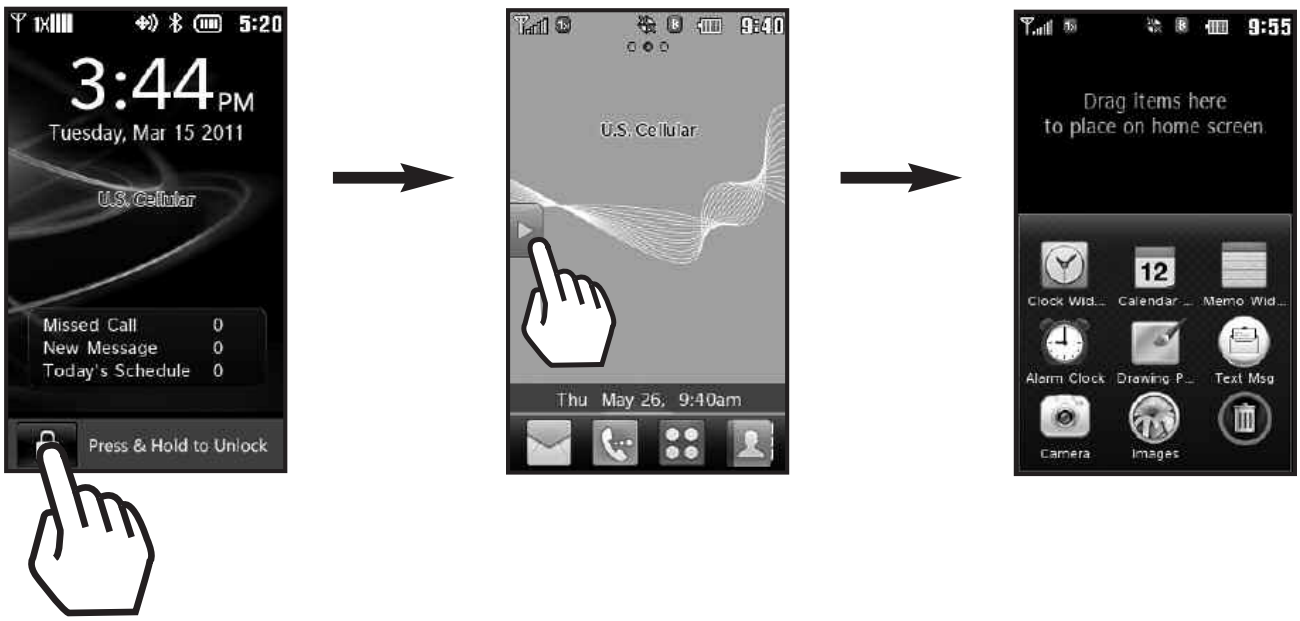
Messages

1. **Message** Displays the Messaging menu.
2. **Call** Displays the Dialing touchpad.
3. **Menu** Displays the Main Menu.
4. **Contact List** Displays your Contact List.

Shortcuts Menu

The Shortcuts Menu allows instant access to menus and phone features with the quick touch of your fingertip. To use the Shortcuts Menu:

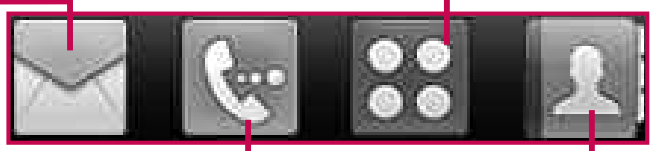
1. Unlock the touch screen by touching and holding .
2. Touch the **Shortcuts Menu** icon on the home screen.
3. To close the Shortcuts Menu, press the **Clear Key** or the **PWR/END Key** .



Quick Keys

Messaging: Displays the Messaging menu.

Menu: Displays the Main Menu.



Phone: Displays the Dialpad so you can make a call. Dial manually using the numeric keys or easily from your Recent Calls, Contacts, or Voice Dial.

Contact list: Displays your Contact List.

When you touch the **Phone Quick Key** the following Dialpad is displayed:

Touch and hold this key to call your voicemail box.

Touch this key to dial using Voice Commands.

Touch this key to view the recent call history.

Touch and hold this key to toggle your phone between Vibrate Mode and Normal Mode.

Touch this key to delete digits entered one by one. Hold down to delete the entire entry.

Touch this key to display your Contact List to view or call a Contact.

Menus Overview

Menu Access

Touch to access the phone's main menu. To access the main menu, first unlock the phone by pressing the Lock/Unlock Key on the right side of your phone. To return to the Homescreen, press .

Contacts

1. New Contact
2. Contact List
3. Speed Dials
4. Groups
5. My vCard

Messaging

1. New Text Message
2. New Picture Message
3. Inbox
4. Drafts
5. Outbox
6. Voicemail
7. Templates
8. Delete All
   1. Delete Inbox
   2. Delete Outbox
   3. Delete Drafts
   4. Delete All Messages
9. Message Settings
   1. Reply Settings
   2. Messages View
   3. Entry Mode
   4. Auto Save
   5. Auto Delete
   6. Auto View
   7. Auto Play
   8. Auto Receive
   9. Voicemail #
   0. Callback #
   #. Signature
   *. Delivery Receipt

Call History

1. Missed Calls
2. Received Calls
3. Dialed Calls
4. All Calls
5. Call Timer
6. Data Counter

Multimedia

1. Take Photos
2. Record Voice
3. My Stuff
   1. Images
   2. Sounds
4. Music
   1. Last Played Song
   2. All Songs
   3. Artists
   4. Albums
   5. Genres
   6. My Playlists
   7. Settings

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1. easyedge Shop
2. My Contacts Backup
3. City ID
4. PAC-MAN by Namco
5. AccuWeather.com Premium v4.0
6. mSpot Radio
7. Tone Room Deluxe
8. Settings
9. Help

My Schedule

1. Alarm Clock
2. Calendar
3. Notepad

Browser

1. Launch
2. Prompt

Tools

1. Voice Commands
2. Calculator
3. Ez Tip Calculator
4. World Clock
5. Unit Converter
   1. Currency
   2. Area
   3. Length
   4. Mass
   5. Temperature
   6. Volume
   7. Velocity
6. Drawing Panel
7. Stopwatch

Settings

1. Sounds Settings
   1. Master Volume
   2. Call Sounds
      1. Call Ringtone
      2. Call Vibrate
      3. Caller ID Readout
   3. Alert Sounds

Menus Overview

- 1. Text Message
- 2. Picture Message
- 3. Voicemail
- 4. Emergency Tone
- 5. Missed Call
- 4. Button Sounds
- 5. Service Alerts
  - 1. Minute Beep
  - 2. Call Connect
- 6. Power On/Off Tone

2. Display Settings

- 1. Banner
- 2. Display Backlight
- 3. Keypad Backlight
- 4. Wallpaper
- 5. Charging Screen
- 6. Themes
- 7. Font Settings
- 8. Dial Font Size
- 9. Clock Format
- 0. Name Match for Dialing

3. Call Settings

- 1. Answer Options
- 2. Auto Retry
- 3. TTY Mode
- 4. One Touch Dial
- 5. Voice Privacy

4. Touch Settings

- 1. Auto Touch Lock
- 2. Vibrate Type
- 3. Vibrate Level
- 4. Tone Type
- 5. Calibration

5. Phone Settings

- 1. Airplane Mode
- 2. Language (Idioma)
- 3. Location
- 4. Security
  - 1. Change Lock Code
  - 2. Restrictions
  - 3. Emergency Numbers
  - 4. Lock Phone
  - 5. Lock Phone Now
  - 6. Master Reset
- 5. System Select
- 6. NAM Select

6. Bluetooth

7. USB Connection

- 1. USB Modem
- 2. USB Mass Storage
- 3. Setting Reminder

8. Memory
    1. Phone Memory
    2. Card Memory
    3. Save Options
9. Phone Info
    1. My Number
    2. ESN/MEID
    3. Icon Glossary
    4. SW/HW Version
    5. Software Update

Tone Room Deluxe

My Contacts Backup

PAC-MAN

Getting Started with Your Phone

The Battery

Note
It is important to fully charge the battery before initial use of the phone.

The phone comes with a rechargeable battery. The battery charge level is shown at the top right of the LCD screen.

Installing the Battery

1. Press down on the battery cover and slide it downwards. Then lift it off to remove it.
2. Align the battery contacts with the phone terminals at the top of the battery compartment.
3. Gently push down on the battery until it clicks into place.
4. Align the battery cover with the battery compartment and gently press down on it, then slide the battery cover upwards until it clicks into place.

Removing the Battery

1. Turn the power off.
2. Remove the battery cover (as mentioned previously).
3. Use the fingernail cutout near the bottom of the battery to lift the battery out of the battery compartment.

Charging the Battery

Your LG ATTUNE device comes with a cableless travel adapter and a USB cable which connect together to charge your phone. To charge your phone:

Note

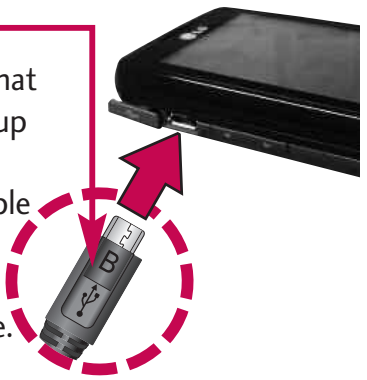
Please use only an approved charging accessory to charge your LG phone. Improper handling of the accessory/charger port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

Plug one end of the accessory/charger into the phone's charger port and the other end into an electrical outlet.

The charge time varies depending upon the battery level.

Notice

Please make sure that the 'B' side faces up before inserting a charger or USB cable into the accessory/charger port of your phone.



How to Install Your microSD™ Card

1. Locate the microSD™ slot on the right side of the phone and gently uncover the slot opening .

2. Insert the microSD™ card with the label side facing upwards and the gold contact area downwards. Then gently push in until it clicks into the slot. If

you insert the card in the wrong direction, it may damage your phone or your card.

How to Remove Your microSD™ Card

1. Uncover the microSD slot opening and gently press and release the exposed edge of the microSD™ card to eject it.
2. Remove the microSD™ card from the slot and replace the cover.

Note

Do not attempt to remove the microSD™ card while reading or writing to the card.

Battery Charge Level

The battery charge level is shown at the top right corner of the LCD screen. When the battery charge level becomes low, the low battery sensor alerts you in three ways: sounding an audible tone, blinking the battery icon, and displaying a warning message.
If the battery charge level becomes exceedingly low, the phone automatically switches off and any function in progress is not saved.

Turning the Phone On and Off

Turning the Phone On

1. Install a charged battery or connect the phone to an external power source if the battery level is low.

2. Press the PWR/END Key for about 3 seconds until the LCD screen lights up.

Turning the Phone Off

1. Press and hold the PWR/END Key until the LCD turns off.

Signal Strength

Call quality depends on the signal strength in your area. The signal strength is indicated on the screen as the number of bars next to the signal strength icon . The more bars, the better the signal strength. If the signal quality is poor, move to an open area. If you are in a building, the reception may be better near a window.

Screen Icons

To see the icon glossary, touch **Menu**-> **Settings**-> **Phone Info** -> **Icon Glossary** . Then choose the type of icons you want to see.

Making Calls

If the phone is locked, press the Lock/Unlock Key on the right side of your phone.

1. Touch and enter the phone number (include the area code if needed).
2. Press or touch CALL.

Note

If the phone is restricted, you can only dial phone numbers saved in the Emergency Numbers list. To change your Emergency Numbers, touch the following:
Menu -> Settings -> Phone Settings -> Security -> Enter your Lock Code -> **Emergency Numbers.** Then edit an emergency number.

3. Press to end the call.

Correcting Dialing Mistakes

If you make a mistake while dialing a number, press or touch once to erase the last digit entered, or hold down or touch and hold for at least 2 seconds to erase all the digits you have entered.

Redialing Calls

1. Press twice to redial the last number you dialed. If you press once, the most recent (Missed, Received and Dialed) calls in your history list will display. You can select any of these calls to place an outgoing call.

Receiving Calls

1. When the phone rings and/or vibrates, press to answer.

Tip

The Call Settings menu allows you to choose your answer options. To access the Answer Options, touch **Menu** -> **Settings** -> **Call Settings** -> **Answer Options**. The following options are available:
Any Key, Auto with Handsfree, Slide Open(Speakerphone)

Note

If you press or (Volume Keys), while the phone is ringing, the ringing or vibration is muted for that call.

2. Press to end the call.

Quick Access to Convenient Features

Lock Mode

Sets your phone to require a 4-digit Lock Code in order to use the phone. To set Lock Mode on when turning on the phone, touch **Menu** -> **Settings** -> **Phone Settings** -> **Security** -> Enter your Lock Code -> **Lock Phone** -> **When Switch On**. To lock the phone immediately, touch **Lock Phone Now** instead of Lock Phone.

Note

Until you change it, the default Lock Code is the last 4 digits of your phone number.

Speakerphone Function

This function can be accessed during a phone call or from the homescreen.

During a phone call, press C/ once to activate the speakerphone. Press C/ again to deactivate the speakerphone function.

OR

From the homescreen, press and hold C/.

Volume Quick Adjustment

Use the Volume Keys to adjust the Master Volume from the Homescreen, and the Earpiece volume during a call. The upper Volume Key increases the volume and the lower Volume Key decreases the volume.

Note

The keypad volume is adjusted through the Button Sounds submenu of the Sounds Settings menu. (**Menu**-> **Settings** -> **Sound Settings** -> **Button Sounds**).

Call Waiting

Your cellular service may offer call waiting. While a call is in progress, two beep sounds indicate another incoming call. When call waiting is enabled, you may put the active call on hold

while you answer the other incoming call. Check with your cellular service provider for information about this function.

1. Press to answer a waiting call.
2. Press again to switch between calls.

Caller ID

Caller ID displays the phone number or name of the incoming call. If the caller's identity is stored in Contacts, the name will appear along with the phone number. Check with your service provider to ensure they offer this feature.

Speed Dialing

Speed dialing is a convenient feature that allows you to make phone calls quickly. A number key can be assigned to a specific phone number. By touching and holding down a number key, your phone will recall the phone number associated from the Contact List and dial that phone number for you. Speed Dial Number 1 is set to Voicemail by default and is unchangeable.

Dialing Single Digit Speed Dials (from 2 to 99)

Enter and hold the Speed Dial number.

OR

Enter the Speed Dial number and press .

Dialing Double Digit Speed Dials (from 10 to 99)

Enter the first digit and then touch and hold the key of the second digit.

OR

Enter the first and second digits and press .

Entering and Editing Information

Text Input

Each time you touch a data entry field, the touchscreen automatically displays a keypad allowing you to enter text, numbers, and symbols. For example, in a text field, an alphabet keypad appears, but you can also switch to number mode to enter digits.

Options:
Insert Template/Save As Draft/Add/ Priority Level/ Callback #/Save Template/Cancel Message

Touch to change the text input: Word/Abc/ABC/123/Symbols

Handwriting input mode Key.

Touch to delete text.

Contacts in Your Phone's Memory

The Basics of Storing Contacts Entries

1. Enter the phone number you want to save (up to 48 digits).
2. Touch **SAVE** and select either **Add New Contact** or **Update Existing** on the pop-up screen.
3. Touch a Phone Label.

   Mobile 1/ Home 1/ Office 1/ Mobile 2/ Fax/ Home 2/ Office 2

Note

Use **Existing Entry** to add another phone number to a contact already stored in memory.

4. Touch the Name field and enter a name for the contact (up to 32 characters). Then touch **DONE** and **SAVE**. A confirmation message is displayed briefly.

Phone Numbers With Pauses

When you call automated systems such as voice mail or credit billing numbers, you often have to enter a series of numbers to navigate through the system. Instead of entering these numbers by hand, you can store the numbers in your Contacts separated by special pause characters (W, P). There are two different types of pauses you can use when storing a number:

Wait (W)

The phone stops dialing until you touch **Release** to advance to the next number.

Pause (P)

The phone waits 2 seconds before sending the next string of digits.

Storing a Number with Pauses

1. Touch .
2. Touch **Contacts** .
3. Touch **New Contact**.
4. Enter a name (up to 32 characters) and touch the number field to enter a number.
5. Touch and select **Add Wait** or **Add 2-Sec Pause**.
6. Enter the additional number(s), touch **DONE** and then **SAVE**.

Adding a Pause to an Existing Number

1. Touch .
2. Touch **Contacts** .
3. Touch **Contact List**.
4. Scroll through the list and touch the Contact entry you wish to edit.
5. Touch **EDIT.**
6. Touch the number.
7. Touch .
8. Touch **Add Wait** or **Add 2-Sec Pause.**
9. Enter the additional number(s), touch **DONE** and then **SAVE**.

Searching Your Phone's Memory

The **LG** ATTUNE phone is able to perform a dynamic search of the contents in your phone's memory. A dynamic search compares entered letters or numbers against the entries in your Contacts. A matching list is displayed in descending order. You can then select a number from the list to call or edit.

Contacts in Your Phone's Memory

Searching by Letter

1. Touch to display your contacts alphabetically.
2. Touch **Go To** followed by the key(s) on the alphanumeric keypad that corresponds with the letters in the Contact's name. The matching contacts will be displayed.

Scrolling Through Your Contacts

1. Touch to display your Contacts alphabetically.
2. Use your finger to scroll up and down through the list.

Accessing Options

1. Touch .
2. Touch .
3. Touch one of the following options:

Send via Bluetooth: Send a contact(Name Card) via Bluetooth®.

Delete: Delete the selected entry from your Contacts.

Message: Send a text message or picture message to the selected contact.

Lock/Unlock: Lock or Unlock your contacts.

Making a Call From Your Phone's Memory

Once you have stored phone numbers in your Contacts, you can place calls to those numbers quickly and easily.

- By touching a phone number in Contacts or Call History and pressing or touching .
- By using Speed Dialing.

From Contacts

1. Touch to display your Contacts.
2. Touch the Contact entry.
3. Touch the phone number.

From Recent Calls

1. Touch .
2. Touch **Call History** .
3. Touch the type of recent call.

   Missed Calls/ Received Calls/ Dialed Calls/ All Calls
4. Touch the phone number.
5. Touch **CALL** or press to place the call.

Speed Dialing

For a single-digit Speed Dial, press and hold the digit or press the digit, then press . For a double-digit Speed Dial, press the first digit and hold the second digit or press the first and second digits, then press .

Using Phone Menus

Contacts

The Contacts menu allows you to store names, phone numbers and other information in your phone's memory.

1. New Contact

Allows you to add a new contact to your Contact List.

Note

Using this submenu, the number is saved as a new Contact. To save the number into an existing Contact, edit the Contact entry.

1. Touch .
2. Touch **Contacts** .
3. Touch **New Contact**.
4. Enter the name.
5. Continue entering Contact information by touching the corresponding fields and entering the desired information.
6. Touch **SAVE** to save the new contact.

2. Contact List

Allows you to view your Contact List.

1. Touch .
2. Touch **Contacts** .
3. Touch **Contact List**.
4. Choose from the following options:
   - Scroll through your Contacts alphabetically.
   - Touch to select one of the following options:

Send via Bluetooth/ Delete / Message / Lock / Unlock

3. Speed Dials

Allows you to view your Speed Dials list, designate new Speed Dials, or remove Speed Dial designations entered in your Contacts.

1. Touch .
2. Touch **Contacts** .
3. Touch **Speed Dials**.
4. Touch the desired Unassigned number list.
5. Touch the Contact you would like to assign a Speed Dial to. Then touch **Yes**. A confirmation message is displayed.

4. Groups

Allows you to view your grouped Contacts, add a new group, change the name of a group, or delete a whole group.

1. Touch .
2. Touch **Contacts** .
3. Touch **Groups**.
4. Choose from the following options:
   - Touch a group to view.
   - Touch a group, then touch to choose from the following options:

     Remove/ New Text Message/ New Picture Message /Mark All/Unmark All/Remove All

5. My vCard

Allows you to view all of your personal Contact information including name and phone numbers.

1. Touch .
2. Touch **Contacts** .
3. Touch **My vCard**.
4. Touch **EDIT.**
5. Touch the field you want to edit.
6. Edit the information as necessary and touch **SAVE.**

Note

You cannot edit your mobile phone number, but you can add an additional phone number.

Messaging

The LG ATTUNE can store up to 690 messages and notifications (including a maximum of 300 SMS and 100 MMS in the Inbox). Other limits, such as available characters per message, may exist. Please check with your service provider for system features and capabilities.

1. New Text Message

Allows you to send text messages and e-mail. Each message will be formatted and sent according to the destination address.

The Basics of Sending a Text Message

1. Touch **Messaging** and **New Text Message**.

2. Touch **Enter Number** to manually enter the address or to add the address from your Contacts List.

3. Touch the Text field to enter text.

4. Type your message.

5. Touch **DONE**, then touch **SAVE**.

   A confirmation message is displayed.

Text Message Options

1. Touch **Messaging** and **New Text Message**.

2. Touch .

3. Touch the option(s) to customize.

Preview Allows you to preview the message before sending it. You can touch **EDIT** to continue editing or **SEND** to send it.

Save As Draft Save the current message draft.

Priority Level Choose **High/ Normal** to set the priority level of your message.

Callback # Choose **On/ Off** to set your callback number to be sent with the message.

4. Complete the message and send it.

Text Options

While you are composing the text of a message, you have various options to customize the text.

1. Touch **Messaging** and **New Text Message**.
2. Touch the Text field to enter text.
3. Touch .
4. The following options are available:

   Insert Templates/Save As Draft/ Add/Copy Text/ Priority Level/ Callback #/ Save Template/ Cancel Message

5. Complete your message and send or save it.

2. New Picture Message

Allows you to send messages with text, pictures, sounds, and a subject.

1. Touch **Messaging** and **New Picture Message**.
2. Touch **Enter Number** to manually enter the address or to add the address from your Contacts List.
3. Touch the corresponding field to add Text/ Picture/ Sound and Subject to your message.
4. Touch the file you want to add.
5. When you touch the audio field, you have the option of attaching a saved audio file, or recording a new one.
6. The following options are available by touching :

Preview Allows you to preview the message before sending it. You can touch **EDIT** to continue editing or **SEND** to send it.

Save As Drafts Saves the message into the Drafts folder.

Add Slide Inserts a slide to add more pictures to the message.

Priority Level Choose **High/ Normal** to set the priority level of your message.

Cancel Message Allows you to cancel sending the message.

7. Touch **SEND** to send the message.

3. Inbox

The phone alerts you in 3 ways when you receive a new message:

- Displaying a notification message on the screen.
- Displaying the message icon .
- Playing an audio tone or vibrating, depending on your personal sound settings.

Received text messages and picture messages may be searched and the contents viewed. Received messages are displayed from newest to oldest.

Viewing Your Inbox

Up to 500 messages (300 SMS, 100 MMS, and 100 MMS notifications) can be stored in the Inbox.

1. Touch **Messaging** and **Inbox**.
2. Touch an Inbox message.

- Touch **REPLY** to reply to the message.
- Touch **DELETE** to delete the message.
- Touch **CHAT** to view the conversation in Chat view mode.

- OR -

Touch to choose from the following options:

Chat View Type /Sort by/ Delete/ Lock/ Unlock/ Delete Inbox/ Settings

3. While viewing the selected message, touch for the following options:

Forward Forwards a received message to other destination address(es).

Reply with Copy Allows you to reply with the copied sentences/phrases.

Save Picture Allows you to save the pictures you received.

Save Templates Allows you to save the template.

Play Again Allows you to play the attached file again.

Save As Ringtone Allows you to save sound as your ringtone.

Save Sound Allows you to save the attached media to your phone. (Only for messages with audio attached.)

Lock/Unlock Locks or unlocks the selected message.

Go to URL Accesses the website by starting the Browser. (Only for messages containing a URL.)

Add To Contacts Choose **Add New Entry/ Update Existing** to save the phone number in your Contacts.

Extract Address Allows the address included in the message to be extracted for viewing.

Message Info Shows the message's Type, Priority, Status Subject, Size and Attachment name.

Message Icon Reference

New Text Message

Text Message Read

New MMS Message

New MMS Message Received

MMS Message

MMS Message Read

Message Delivered

Message Failed

Pending Message

Message Sent

Multiple Messages

Multitple Messages Failed

Multitple Messages Delivery Incomplete

Multitple Pending Messages

Multitple Messages Sent

Text Message Draft

MMS Message Draft

Namecard

High Priority

Lock

4. Drafts

Displays saved draft messages.

1. Touch **Messaging** and **Drafts**.
2. Touch to choose from the following options:

Delete Deletes the selected message from Drafts.

Lock/Unlock Locks or unlocks the selected message(s).

Delete Draft Deletes all Draft messages at one time.

Settings **Reply Settings/ Messages View/ Entry Mode/ Auto Save/ Auto Delete/ Auto View/ Auto Play/ Auto Receive/ Voicemail #/ Callback #/ Signature/ Delivery Receipt**

3. Touch a Draft message to edit it.

5. Outbox

Up to 150 messages (100 SMS and 50 MMS) can be stored in the Outbox folder. View the contents of sent and unsent messages and verify whether the transmission was successful or not.

1. Touch **Messaging** and **Outbox**.
2. Touch an Outbox message.
3. Once open, you can use the following options by touching .

Play Again Allows you to play the attached file again.

Forward Forwards a received message to other destination address(es).

Lock/Unlock Locks or unlocks the selected message.

Save Template Allows you to save the template.

Add To Contacts Choose **Add New Entry/ Update Existing** to save the phone number in your Contacts.

Extract Address Allows the address included in the message to be extracted for viewing.

Message Info Shows the message's Type, Priority, Status Subject, Size and Attachment name.

6. Voicemail

Allows you to view new voice messages recorded in your voicemail box. Your phone will alert you when you receive a new voice message.

Checking Your Voicemail Box

1. Touch **Messaging** and **Voicemail**.

2. Choose from the following options:

- Touch **CLEAR** to clear the voicemail counter.
- Touch **CALL** to listen to the message(s).

7. Templates

Allows you to display, edit, and add text templates. These text templates allow you to reduce manual text input into messages.

1. Touch **Messaging** and **Templates**.
2. Touch **NEW** to create a new template.
3. After editing the new template, touch **SAVE** to save it.

8. Delete All

Allows you to erase all the messages stored in your Inbox, Outbox, or Drafts message folders. You can also erase all messages at the same time.

1. Touch **Messaging** and **Delete All**.
2. Touch **Delete Inbox/ Delete Outbox/ Delete Drafts/ Delete All Messages.**

9. Message Settings

Allows you to configure settings for Messaging.

1. Touch **Messaging** and **Message Settings**.

Message Settings Sub-Menu Descriptions

1. **Reply Settings (Text Message Only/ Selection)**

   Allows you to choose what reply option is allowed when replying to messages. Choose **Text Message Only** to only reply with text messages or choose **Selection** to have the option to reply with a text or picture message.

2. **Messages View**

   Select **TIME** to display messages chronologically in Inbox and Outbox folders. Select **CONTACT** to sort all messages chronologically by Contact in one message folder.

3. **Entry Mode (Word , Abc , ABC , 123)**

   Allows you to select the default input method.

4. **Auto Save (Auto Save/ Prompt/ Do Not Save)**

   With this feature on, messages are automatically saved in the Outbox folder when sent.

5. **Auto Delete (ON/ OFF)**

   With this feature ON, read messages are automatically deleted when you exceed the storage limit.

6. **Auto View (On/ On + Readout/ Off)**

   When set to On, new messages will automatically display on your screen when they are received.

7. **Auto Play (ON/ OFF)**

   Allows the display to automatically scroll down while viewing messages.

8. Auto Receive (ON/ OFF)

With this set to ON, attached content will automatically download when a new picture message is received.

9. Voicemail

Allows you to manually enter the access number for your Voicemail Service. This feature should only be used when a VMS (Voicemail Service) access number is not provided from the network.

10. Callback # (On/ Off)

With this feature on, you can input the callback number that will be automatically included when you send a message.

11. Signature (On/ Off)

Allows you to create/edit a signature and choose to automatically send it with your messages.

12. Delivery Receipt (ON/ OFF)

When set to **On**, the phone will indicate Sent messages as having been successfully delivered.

Call History

The Call History Menu is a list of the last phone numbers or Contact entries for calls you missed, received, and dialed. It is continually updated as new numbers are added to the beginning of the list and the oldest entries are removed from the bottom of the list.

Note

To view a quick list of all your recent calls, press the **SEND** Key from the Homescreen.

1. Missed Calls

Allows you to view the list of missed calls; up to 90 entries.

1. Touch .
2. Touch **Call History** .
3. Touch **Missed Calls**.
4. Touch an entry and touch for the following options:

   Save To Contacts (Contact info)/ Delete/ Lock/ Call Timer/ Data Counter

5. Press to return to the Homescreen.

2. Received Calls

Allows you to view the list of received calls; up to 90 entries.

1. Touch .
2. Touch **Call History** .
3. Touch **Received Calls**.
4. Touch an entry and touch for the following options:

   Save To Contacts (Contact info)/ Delete/ Lock/ Call Timer/ Data Counter

5. Press to return to Homescreen.

3. Dialed Calls

Allows you to view the list of dialed calls; up to 90 entries.

1. Touch .
2. Touch **Call History** .
3. Touch **Dialed Calls**.
4. Touch an entry or touch for the following options:

   Save To Contacts (Contact info)/ Delete/ Lock/ Call Timer/ Data Counter

5. Press to return to Homescreen.

4. All Calls

Allows you to view a list of the most recent Missed, Received and Dialed calls.

1. Touch .
2. Touch **Call History** .
3. Touch **All Calls**.
4. Touch an entry and touch for the following options:

   Save To Contacts (Contact info)/ Delete/ Lock/ Call Timer/ Data Counter

5. Press to return to the Homescreen.

5. Call Timer

Allows you to view the duration of selected calls.

1. Touch .
2. Touch **Call History** .

3. Touch **Call Timer**.
4. Call times are displayed for the following types of calls:

   Last Call/ Home Calls/ Roam Calls/ All Calls
5. Touch **Reset** to reset the timer.

6. Data Counter

Allows you to view the list of received and transmitted data.

1. Touch .
2. Touch **Call History** .
3. Touch **Data Counter**.
4. Transmitted data is displayed for the following types:

   Received Data/ Sent Data/ All Data
5. Touch **Reset** to reset the counter.

Multimedia

View, take, and share your digital pictures and audio right from your wireless phone.

1. Take Photos

1. Touch .
2. Touch **Multimedia** .
3. Touch **Take Photos**.

The following Camera options are available:

Back To return to the Multimedia menu.

Brightness To adjust the brightness.

White Balance Auto/ Sunny/ Cloudy/ Fluorescent/ Glow

Take Takes a picture.

Images To view the photos in Images.

Settings

Resolution 1280X960/ 640X480/ 320X240

Shutter Sound Shutter/ No Sound/ Say "Cheez"/ Ready!123

Color Effects Normal/ Negative/ Aqua/ Sepia/ Black & White

Self Timer Off/ 3 Seconds/ 5 Seconds/ 10 Seconds

Night Mode On/ Off

Noise Reduction On/ Off

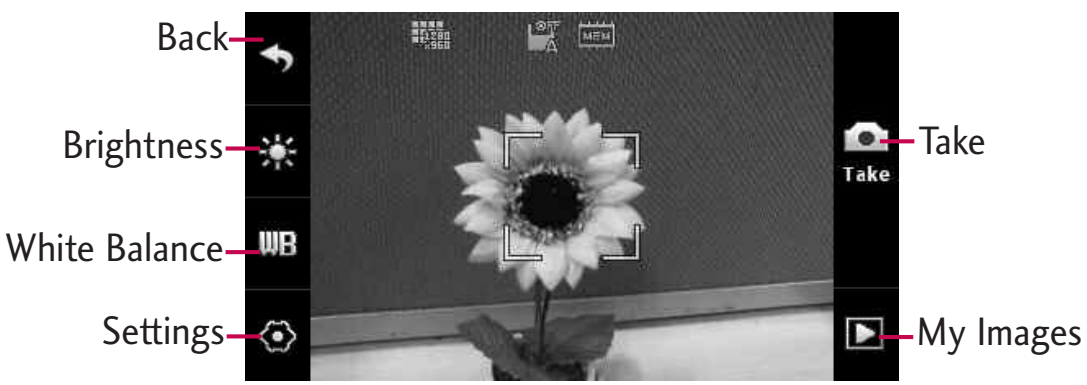
Auto Save On/ Off

Save Option Internal/ External

Send Reminder On/ Off

Quality Normal/ Fine/ Super Fine

Fun Frame Allows you to choose fun frames for



4. Take a picture by pressing the external Camera key .
5. A menu with options to send the image is displayed. You can choose from **Send**, to send the photo via picture message, **To Online Album**, to send the photo to your online album, or **View**, to view the image.

2. Record Voice

Allows you to record voice and sounds.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Record Voice**.
4. Touch to start recording.
5. Once recording has started, the following options are available:

   Touch to stop.

   Touch to pause.

   Once the recording has stopped, the audio file will be automatically saved.

3. My Stuff

Allows you to view Images and Sound saved in your phone.

1. Touch .
2. Touch **Multimedia** .
3. Touch **My Stuff**.
4. Touch **Images/ Sounds**.
5. Browse through your files.

4. Music

Allows you to listen to songs stored in your memory card. To access this feature, there should be stored music in your memory card.

Notes

- Be sure to use only recommended microSD™ cards. Using non-recommended microSD™ cards could cause data loss and damage your phone.
- The microSD™ card and its adapter can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.
- Do not remove a microSD™ card while files are being accessed or transferred. It may result in loss or damage of data.

Supported music formats:
MP3, WMA, AAC, M4A

4.1 Last Played Song

Allows you to play the last played song.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **Last Played Song**.

4.2 All Songs

Allows you to play all songs.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **All Songs**.
5. Touch a music file to **play it** or touch **Options** for the following options:

   Add To Playlist/ Move To Card/ Move To Phone/ Send/ Delete/ Song Info.

   Options available while playing music:

- Shuffle off
- Shuffle on
- Repeat off
- Repeat all
- Repeat once
- Rewind
- Fast forward
- Play
- Pause

or touch **Options** for the following options:

Exit Player/ Add To Playlist/ Song Info

4.3 Artists

Allows you to view and listen to your music by Artists.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **Artists**.
5. Touch the Artist that you want to listen to and choose the song to play.

4.4 Albums

Allows you to view and listen to your music by Albums.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **Albums**.
5. Touch the Album that you want to listen to and choose the song to play.

4.5 Genres

Allows you to view and listen to your music by Genres.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **Genres**.
5. Touch the Genre that you want to listen to and choose the song to play.

4.6 My Playlists

Allows you to view and listen to your music by Playlist.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **My Playlists**.
5. When the pop- up appears to ask you whether to create a My Playlists, touch **Yes** or **No**.
6. Name the playlist and touch **SAVE**.
7. Touch the playlist and then touch **ADD SONGS** to select the songs you want to add.
8. Touch **DONE** when you finish selecting the songs you want to add.

4.7 Settings

Allows you to customize Music settings.

4.7.1 Repeat

Allows you to set repeat settings.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.

4. Touch **Settings**.
5. Touch **Repeat** to alternate between the following options:

   Repeat All/ Repeat Once/ Repeat Off

4.7.2 Shuffle

Allows you to set the music player to shuffle your songs.

1. Touch .
2. Touch **Multimedia** .
3. Touch **Music**.
4. Touch **Settings**.
5. Touch **Shuffle** to turn the feature **On** or **Off**.

easyedge

easyedge℠ allows you to do more than just talk on your phone. **easy**edge℠ is a technology and service that allows you to download and use applications on your phone. With **easy**edge℠, it is quick and easy to personalize your phone to your lifestyle and tastes. Just download the applications that appeal to you most. You can find something useful, practical, or down right entertaining, including ringtones, games, and productivity tools. There are new applications constantly available for your use.

Downloading Applications

You can download applications and use **easy**edge℠ only wherever service is available.

Incoming Calls

Incoming calls will disrupt the download. You will have to download the application again.

easyedge Shop

Get your news, weather, sports, ringtones, e-mail, and games on your phone. Call 888-BUY-USCC for unlimited access.

1. Touch .
2. Touch **easyedge** .
3. Touch **easyedge Shop**.
4. Touch **Catalog**.
5. Search for an application you like and follow the instructions to download it.

My Schedule

1. Alarm Clock

Allows you to set up to ten alarms. At the alarm time, any set alarm will sound and/or vibrate the tone of your choice (depending on your sound settings), and a notification message will be displayed on your screen.

1. Touch .
2. Touch **My Schedule** .
3. Touch **Alarm Clock**, then **ADD**.
4. Touch the **Set Time** field to set the alarm time.
5. Touch the **Repeat** field to set the recurrence for the alarm. Available options are:

Once/ Daily/ Mon - Fri/ Weekends/ Select Days

6. Touch the **Ringtone** field to set the ringtone for the alarm.
7. Touch **SAVE** to save.

2. Calendar

Allows you to store and access your agenda(s). Simply store your appointments in your Calendar and your phone will alert you with a reminder.

1. Touch .
2. Touch **My Schedule** .
3. Touch **Calendar.**
4. Touch the day you wish to edit.
5. Touch **ADD**.
6. Enter your schedule information including:
   - Subject
   - Start Time
   - End Time
   - Repeat
   - Until
   - Alerts
   - Tones
   - Vibrate
7. Touch **SAVE**.

3. Notepad

Allows you to add, read, edit, and erase notes to yourself.

1. Touch .
2. Touch **My Schedule** .
3. Touch **Notepad**.
4. Touch **ADD** to write a new note.
5. Type the note, then touch **SAVE**.

A confirmation message displays briefly, then displays your list of notes.

Viewing a Notepad Entry

1. Access Notepad.
2. To erase a note, touch it to open it. Then, touch .

   - Or -

   To add a note or erase all of the notes, touch **ADD** or **DELETE ALL**.

Browser

The Browser feature allows you to view Internet content. Accessibility and selections within this feature are dependent upon your service provider. For specific information on the Web, contact your service provider.

Start Browser

Allows you to initiate a Web session.

1. Press , .
2. Touch **Launch**. Your default home page will load.

Ending an Web Session

End a Web session by pressing .

Browser Menu

The Browser Menu provides the following toolbar options:

- **Home** Returns you to the Homepage.
- **Back** To go back to the previous page.
- **Forward** If available, takes you back to the next page.
- **Bookmarks** Takes you to the Bookmarks menu where you can add, edit, and delete your bookmarks.
- **Go to URL** Allows you to enter a Web address to visit.
- **Refresh** Allows you to reload the current Web page.
- **History** Displays a list of visited web pages.
- **Clear Memory** Allows you to clear the memory.
- **Search** Directs you to the Google search engine.
- **Send Link** Allows you to send the link of the current page via a text message.
- **Show URL** Shows you the current URL.
- **Save Items** Allows you to save items from the web page.
- **Settings** Allows you to configure the following Browser settings:

  Homepage Allows you to set your Homepage.

  Downloads Allows you to configure whether you want to enable or disable image, background, and object downloads.

Restart Browser Allows you to restart the Browser.

Scroll Mode Allows you to customize the scrolling settings.

Send Referrer Allows you to turn the HTTP Send Referrer Header on or off.

Key Press Timeout Set the key press timeout.

Connection Timeout Set the connection timeout.

- **Advanced** Shows you the information of the Browser, including the version and license information.
- **Exit** Allows you to exit the Browser.

Tools

Your phone's tools include: Voice Command, Calculator, Ez Tip Calculator, World Clock, Unit Converter, Drawing Panel, and Stopwatch.

1. Voice Command

Allows you to make phone calls quickly and easily by voice. Your phone recalls the number from your Contacts and then dials it. This menu is useful for those who are driving or are blind. It delivers time and date information by voice and allows you to check missed calls, messages and voicemails.

1.1 Call <Name or Number>

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch or say **Call <Name or Number>**.
6. Say the name as it is saved in your Contact List or say the number.

1.2 Send Msg to <Name or Number or Group>

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch or say **Send Msg to <Name or Number or Group>**.
5. Touch **Text Message** or **Picture Message** and then say the Contact's name.

1.3 Check <Item>

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch or say **Check <Item>**.
5. Touch or say one of the available options.

1.4 Contacts <Name>

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch **Contacts <Name>** or say '**Contacts**' followed by the Contact's name.
5. Say the name of the music playlist.

1.5 Play

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch or say **Play**.
5. Say the name of the music playlist.

1.6 Help

Allows you to view more information about the features in Voice Control.

1. Touch .
2. Touch **Tools** .
3. Touch **Voice Command**.
4. Touch or say **Help**.

2. Calculator

Allows you to perform simple mathematical calculations. You can enter numbers up to the tenth decimal place.

1. Touch .
2. Touch **Tools** .
3. Touch **Calculator**.
4. Enter data.
   - Touch the keypad to enter numbers.
   - Touch . to enter decimals.
   - Touch C to delete the last digit entered, or touch and hold to erase the entire entry.
   - Touch the corresponding touch keys to enter functions (+, -, x, /).
   - Touch = to complete the equation.

3. EZ Tip Calculator

Allows you to quickly and easily estimate the tip and total amount of a bill by inputting the bill amount before tip, the tip percentage, and divide it by the number of people paying.

1. Touch .
2. Touch **Tools** .
3. Touch **EZ Tip Calculator**.
4. Enter the variable fields (Total bill, Tip %, Split). Touch the Total bill field to display a keypad to enter the amount. Touch the left and right arrow keys to increase or decrease the Tip % and Split amount(s). Corresponding calculation fields (Tip and Total for each person) are automatically calculated.
5. Touch **RESET** to begin another calculation.

4. World Clock

Allows you to determine the current time in another time zone or country.

1. Touch .
2. Touch **Tools** .
3. Touch **World Clock**.
4. Scroll through continents by touching the arrows below the globe.
5. Touch **SELECT** to view cities.
6. Touch the arrows below the continent to view the current date and time in that city.

Or

5. Touch **CITIES** to choose from a list of available cities from around the world.

6. Touch **SET DST** to turn Daylight Savings Time on or off.

7. Touch a city from the list. Touch **SAVE** to save the city as the default city to display when opening World Clock.

5. Unit Converter

Allows you to convert units of measurement.

1. Touch .
2. Touch **Tools** .
3. Touch **Unit Converter**.
4. Touch the unit of measurement you want to convert:

   Currency/ Area/ Length/ Mass/ Temperature/ Volume/ Velocity

5. Choose the types of measurement you would like to convert and change the Rate, if applicable.
6. The conversion will be automatically calculated.

6. Drawing Panel

This function allows you to draw freely so that you can save the image, send it in a message or set it as a Wallpaper.

1. Touch .
2. Touch **Tools** .
3. Touch **Drawing Panel**.
4. Touch **ADD** to create a new drawing.

Create a drawing, then touch to save it.

A confirmation message displays briefly, then displays your list of drawings.

Options for a Drawing Pad Entry

1. Access Drawing Pad and select the desired drawing.
2. To erase, touch **DELETE**.

   To edit, touch **EDIT**.

   To send as a Picture Message, touch **SEND**.

7. Stopwatch

Allows you to use your phone as a Stopwatch.

1. Touch .
2. Touch **Tools** .
3. Touch **Stopwatch**.
4. Touch **START** to start the stopwatch, and touch **STOP** to stop it.
   - You can use the Lap function by touching **LAP** to record up to 20 laps and lap times.
5. Touch **RESET** to reset the stopwatch.

Settings

This menu allows you to configure various phone settings.

1. Sounds Settings

This menu allows you to customize the phone's sounds.

1.1 Master Volume

Allows you to configure the master volume level.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and **Master Volume**.
4. Touch the bars to set the volume level, then touch **SET**.

1.2 Call Sounds

Allows you to configure your phone's call sounds.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and **Call Sounds**.
4. Touch an available option to configure it.

1.3 Alert Sounds

Allows you to select the alert tones for new messages.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and **Alert Sounds**.
4. Touch **Text Message/ Picture Message/ Voicemail/ Emergency Tone/ Missed Call.**
5. Configure the setting.

1.4 Button Sounds

Allows you to configure the button sounds for the QWERTY keyboard.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and **Button Sounds**.
4. Touch the bars to set the volume level, then touch **SET**.

1.5 Service Alerts

Allows you to configure the 2 available Service Alerts.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and **Service Alerts**.
4. Touch an alert option.

Minute Beep

Alerts you 10 seconds before the end of every minute during a call.

Call Connect

Alerts you when the call is connected.

1.6 Power On/Off

Allows you to set the phone to sound a tone when the phone is powered on and off.

1. Touch .
2. Touch **Settings** .
3. Touch **Sounds Settings** and scroll to **Power On/Off**.
4. Toggle the setting between: **ON/ OFF**

2. Display Settings

This menu allows you to customize your phone's display screen.

2.1 Banner

Allows you to enter a string of characters which display on the Main Homescreen and Lock Screen.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** **Banner**, and **Personal Banner**.
4. Touch the Text field and type your Banner text.
5. When you are finished, touch **SAVE**.

2.2 Display Backlight

Allows you to set the display backlight timer.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** and **Display Backlight**.
4. Touch a duration time:

   7 Seconds/ 15 Seconds/ 30 Seconds/ 1 Minute

2.3 Keypad Backlight

Allows you to set the keypad backlight timer.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** and **Keypad Backlight**.
4. Touch a duration time:

7 Seconds/ 15 Seconds/ 30 Seconds/ Always Off

2.4 Wallpaper

Allows you to choose the kind of background to be displayed on the phone.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** and **Wallpaper.**
4. Touch the desired image, then touch **ADJUST** to edit the image to fit your screen and then **SAVE** .

2.5 Charging Screen

Allows you to configure your phone's charging screen.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** and **Charging Screen.**
4. Touch a setting.
   No Image/ Desk Clock/ Calendar

2.6 Themes

Allows you to configure your phone themes.

1. Touch .
2. Touch **Settings** .
3. Touch **Display Settings** and **Themes.**
4. Touch a setting.
   Space/ Cartoon.

2.7 Font Settings

Allows you to select the type of font displayed on the LCD screen.

1. Touch .

2. Touch **Settings** .

3. Touch **Display Settings** and **Font Settings**.

4. Touch a setting.
LG Gothic/ LG Serif/LG Joy

2.8 Dial Font Size

Allows you to set the font size on the Dialpad when dialing a number.

1. Touch .

2. Touch **Settings** .

3. Touch **Display Settings** and **Dial Font Size.**

4. Touch a setting.
Normal/ Large

2.9 Clock Format

Allows you to select the type of clocks displayed on the Main Homescreen.

1. Touch .

2. Touch **Settings** .

3. Touch **Display Settings** and **Clock Format**.

4. Touch a setting.
Normal/ Analog/ Digital 12/ Large Digital 12/ Digital 24/ Large Digital 24/ Dual/ Off

2.0 Name Match for Dialing

Matches a saved Contact entry with the corresponding letters entered on the Dialpad.

1. Touch .

2. Touch **Settings** .

3. Touch **Display Settings**.

4. Touch the **Name Match for Dialing** button to toggle the setting between **ON** and **OFF**.

3. Call Settings

The Call Settings menu allows you to designate how the phone handles both incoming and outgoing calls.

3.1 Answer Options

Allows you to determine how to answer an incoming call.

1. Touch .
2. Touch **Settings** .
3. Touch **Call Settings** and **Answer Options**.
4. Touch a setting.
   Any Key/ Auto with Handsfree/ Slide Open(Speakerphone)
4. Touch **Done**.

3.2 Auto Retry

Allows you to set the length of time the phone waits before automatically redialing a number when the attempted call fails.

1. Touch .
2. Touch **Settings** .
3. Touch **Call Settings** and **Auto Retry**.
4. Touch a setting.
   Off/ Every 10 Seconds/ Every 30 Seconds/ Every 60 Seconds

3.3 TTY Mode

Allows you to attach a TTY (Teletype writer) device enabling you to communicate with parties also using a TTY device. A phone with TTY support is able to translate typed characters to voice. Voice can also be translated into characters and then displayed on the TTY.

1. Touch .
2. Touch **Settings** .
3. Touch **Call Settings** and **TTY Mode**.
4. Read the disclaimer and touch **OK**.
5. Touch a setting.
   TTY Full/ TTY + Talk/ TTY + Hear/ TTY Off

3.4 One Touch Dial

Allows you to initiate a Speed Dial call by pressing and holding the Speed Dial digit. If set to Off, Speed Dial numbers designated in your Contacts will not function.

1. Touch .
2. Touch **Settings** .
3. Touch **Call Settings**.
4. Touch the **One Touch Dial** button to toggle the setting between **ON** and **OFF**.

3.5 Voice Privacy

Allows you to set the voice privacy feature for CDMA calls as Enhanced or Standard. CDMA offers inherent voice privacy. Check with your service provider for availability.

1. Touch .

2. Touch **Settings** .

3. Touch **Call Settings** and **Voice Privacy**.

4. Touch a setting.
   Enhanced/ Standard

4. Touch Settings

The Touch Settings menu allows you to configure various touchscreen settings.

4.1 Auto Touch Lock

Allows you to set Auto Touch Lock.

1. Touch .

2. Touch **Settings** .

3. Touch **Touch Settings** and **Auto Touch Lock.**

4. Touch a setting.
   On/ Off

4.2 Vibrate Type

Allows you to set the vibrate type that is used when touching items on the screen.

1. Touch .

2. Touch **Settings** .

3. Touch **Touch Settings** and **Vibrate Type**.

4. Touch a setting.
   Short/ Double/ Long

4.3 Vibrate Level

Allows you to set the vibrate level that is used when touching items on the screen.

1. Touch .

2. Touch **Settings** .

3. Touch **Touch Settings** and **Vibrate Level**.

4. Touch a setting.
   Off/ Low/ Medium/ High

4.4 Tone Type

Allows you to set the tone type that is used when touching items on the screen.

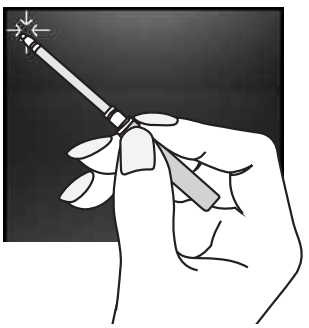
1. Touch .
2. Touch **Settings** .
3. Touch **Touch Settings** and **Tone Type**.
4. Touch a setting.
   Wood Block/ Percussion/ Clean/ Off

4.5 Calibration

Allows you to calibrate the touchscreen to ensure it is working properly.

1. Touch .
2. Touch **Settings** .
3. Touch **Touch Settings** and **Calibration**.

4. Touch the screen to start calibration, then touch the target each time it appears.



5. Phone Settings

The Phone Settings menu allows you to configure various phone and security settings.

5.1 Airplane Mode

Airplane Mode turns off the phone's wireless signal and allows you to use features on your phone that do not require wireless communications.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Airplane Mode**.
4. Touch a setting.
   On/ Off

5.2 Language(Idioma)

Allows you to set the bilingual feature according to your preference. Choose between English and Spanish.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Language(Idioma)** .
4. Touch **English** or **Español.**

5.3 Location

Allows you to set your settings for GPS (Global Positioning System: Satellite assisted location information system) mode.

1. Touch .
2. Touch **Settings** .

3. Touch **Phone Settings** and **Location**.

4. Read the message about this feature and touch **NEXT** until you reach the final page, then touch **OK**.

5. Touch a setting.
   On/ Off

Note

GPS satellite signals are not always transmitted, especially under bad atmospheric and environmental conditions, indoors etc.

5.4 Security

The Security menu allows you to change Security and Restriction settings.

5.4.1 Change Lock Code

Allows you to enter a new four-digit Lock Code.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.
5. Touch **Change Lock Code**.
6. Touch **Phone Only** or **Call & Applications**.
7. Enter the current Lock Code followed by a new 4-digit Lock Code.
8. For confirmation, it will ask you to enter the new Lock Code again.

5.4.2 Restrictions

Allows you to restrict incoming and/or outgoing calls and messages. Also provides the option to restrict Data.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.
5. Touch **Restrictions** and enter the Lock Code.
6. Touch a Restrictions submenu, then the setting.

   Incoming Calls/ Outgoing Calls (Allow All/ Contacts Only/ Block All)

   Incoming SMS/Outgoing SMS (Allow All/ Block All)

   Incoming MMS/Outgoing MMS (Allow All/ Block All)

   Data (UNLOCK/ LOCK)

5.4.3 Emergency Numbers

Allows you to enter 3 emergency numbers. You can call these emergency numbers and 911, even when the phone is locked or restricted.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.
5. Touch **Emergency Numbers**.

6. Touch the emergency number you want to edit.

7. Edit the number and touch **SAVE**.

5.4.4 Lock Phone

Keeps your phone from unauthorized use. Once the phone is locked, it is in restricted mode until the Lock Code is entered. You can still receive phone calls and make emergency calls.
You can modify the Lock Code by navigating to the **Change Lock Code** menu within the Security menu.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.
5. Touch **Lock Phone**.
6. Touch an option.

   None The phone is never locked (Lock mode can still be used using the options below).

   When Switch On The phone is locked when it is turned on.

5.4.5 Lock Phone Now

Allows you to lock the phone immediately.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.

5. Touch **Lock Phone Now**.

5.4.6 Master Reset

Allows you to reset your phone to the factory default settings.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **Security**.
4. Enter the four-digit Lock Code.
5. Touch **Master Reset**.
6. Touch **OK**.
7. A message will pop up that says "All settings will revert to factory default."
8. Touch **Revert** or **Cancel**.
9. If you touch Revert, enter the four-digit Lock Code. The phone returns to the configuration default.

5.5 System Select

Allows you to set up the phone producer's management environment. Leave this setting as the default unless you want to alter system selection as instructed by your service provider.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **System Select**.
4. Touch a setting.
   Home Only/ Automatic

5.6 NAM Select

Allows you to select the phone's NAM (Number Assignment Module) if the phone is registered with multiple service providers.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Settings** and **NAM Select**.
4. Touch a setting.
   NAM1 / NAM2

6. Bluetooth

The LG ATTUNE is compatible with devices that support the Bluetooth® headset, handsfree, dial up networking, stereo, phonebook access, object push, file transfer, and message access profile(s)*. You may create and store 20 pairings within the LG ATTUNE and connect to one device at a time. The approximate communication range for Bluetooth® wireless technology is up to 30 feet (10 meters).

Notes

- Read the user guide of each Bluetooth® accessory that you are trying to pair with your phone because the instructions may be different.
- The Bluetooth® features of this handset may not be compatible with all Bluetooth® enabled devices. Your service provider or handset manufacturer cannot be held responsible for compatibility issues with devices not sold by the service provider or handset manufacturer.

6.1 Power

Allows you to turn the power on or off.

1. Touch .
2. Touch **Settings** .
3. Touch **Bluetooth**.
4. Touch **TURN ON** or **TURN OFF**.

Note

By default, your device's Bluetooth® functionality is turned off.

6.2 Add New

Pairing is the process that allows the handset to locate, establish and register a 1-to-1 connection with the target device.

Pairing a new Bluetooth® device

1. Touch .
2. Touch **Settings** .
3. Touch **Bluetooth**, **ADD** and **START**.
4. Follow the Bluetooth® accessory instructions to set the device to pairing mode.
5. If Bluetooth® power is set to off, you will be prompted to turn power on. Touch **Yes**.
6. The device will appear in the Device Found menu once it has been located. Touch the device.
7. The handset may prompt you for the passkey. Consult the Bluetooth® accessory instructions for the appropriate passkey (typically "0000" - 4 zeroes). Enter the passkey and touch **OK**. Or it may prompt you to confirm matching passkeys on both handsets.
8. Once pairing is successful, you

will be asked to choose **Always Ask** or **Always Connect**. This sets connection preferences for the Paired Device.

9. Once connected, you will see the device listed in the Paired Devices menu.

6.3 Paired Devices

Allows you to view the list of paired devices with your phone.

1. Touch .
2. Touch **Settings** .
3. Touch **Bluetooth** and your **Paired Devices** list will display.

6.4 Settings

Allows you to configure Bluetooth settings.

6.4.1 My Device Info

Allows you to edit the name of the Bluetooth® device.

1. Touch .
2. Touch **Settings** .
3. Touch **Bluetooth**, and **My Device Info.**
4. Touch **RENAME DEVICE** .
5. Press and hold down to clear the existing name.
6. Enter a new alias.
7. Touch **SAVE** to save and exit.

6.4.2 Discovery Mode

Allows you to set the visibility of your Bluetooth® feature.

1. Touch .
2. Touch **Settings** .

3. Touch **Bluetooth**, and **Discovery Mode.**

4. Touch a setting.
On/ Off

Note

If you turn on My Visibility, your device is able to be searched by other in-range Bluetooth® devices.

6.4.3 Supported Profiles

Allows you to view the Bluetooth profiles your phone supports.

1. Touch .
2. Touch **Settings** .
3. Touch **Bluetooth**, and **Supported Profiles.**

7. USB Connection

Allows you to select the PC connection mode for your device.

1. Touch .
2. Touch **Settings** .
3. Touch **USB Connection.**
4. Touch a setting.
USB Modem/ USB Mass Storage/ Setting Reminder

8. Memory

Allows you to check out the memory status of your phone.

1. Touch .
2. Touch **Settings** .
3. Touch **Memory.**
4. Touch an option.
Phone Memory/ Card Memory

5. Touch a type of memory to view its status.

6. Touch **Save Options** to change the storage location of Pictures and Sounds to the Phone Memory or Card Memory.

Note

When **Clear All** is set on **External Memory**, all contents including locked contents are removed.

9. Phone Info

The Phone Info menu provides you with specific information pertaining to your phone model.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Info**.

9.1 My Number

Allows you to view your phone number.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Info** and **My Number**.

9.2 ESN/MEID

Allows you to view the ESN/MEID information of your phone.

1. Touch .
2. Touch **Settings** .
3. Touch **Phone Info** and **ESN/MEID**.

9.3 Icon Glossary

Allows you to view all the icons and their meanings.

1. Touch .

2. Touch **Settings** .

3. Touch **Phone Info** and **Icon Glossary**.

4. Touch a submenu to view that type of icon.

9.4 SW/HW Version

Allows you to view the versions of various applications.

1. Touch .

2. Touch **Settings** .

3. Touch **Phone Info** and **SW/HW Version**.

9.5 Software Update

1. Touch .

2. Touch **Settings** .

3. Touch **Phone Info** and **Software Update**.

Tone Room Deluxe

This application allows you to obtain new Tones.

1. Touch .

2. Touch **Tone Room Deluxe** .

My Contacts Backup

My Contacts Backup safeguards your mobile phone's address book and automatically saves a copy of the names, phone numbers, and email addresses stored in your phone. You can also view, print, add, delete, and edit your contacts online.

1. Touch .
2. Touch **My Contacts Backup** .

PAC-MAN

This application gives you quick access to the famous PAC-MAN game.

1. Touch .
2. Touch **PAC-MAN** .

Troubleshooting

This section lists some problems that you might encounter while using your phone. Some problems require that you call your service provider, but most of problems you encounter are easy to correct yourself.

Symptom	Possible causes	Possible Corrective measures
No connection to the network.	Signal is weak or you're outside of the carrier network.	Move to a window or open space. Check service provider coverage map.
Codes do not match.	When you want to change a security code you have to confirm the new code by entering it again. The two codes that you have entered do not match.	Contact your Service Provider.
Function cannot be set.	Not supported by Service Provider or registration required.	Contact your Service Provider.
Calls not available.	Dialing error or service limitations.	Check the number dialed and check the reception. Contact your service provider.

Symptom	Possible causes	Possible Corrective measures
Phone cannot be switched on.	On/Off key pressed too briefly.	Press On/Off key for at least two seconds.
	Battery is not charged.	Charge battery. Check charging indicator in the display.
	Battery contacts are dirty.	Clean the battery contacts.
Charging error.	Battery totally empty.	Charge battery.
	Contact problem.	Check power supply and connection to the phone. Check the battery contacts, clean them if necessary.
	No power from outlet.	Plug in to a different socket or check voltage.
	Charger defective.	Test with another charger.
	Wrong charger.	Only use original LG accessories.
	Battery defective.	Replace battery.
Network connection is lost.	Signal too weak.	Reconnection to another service provider if network mode is automatic.
Phone locked-up and does not function.	Battery installing.	Remove the battery and install it to restart your phone again. (similar to how you may restart your PC/computer).

Safety

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection.

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

Don't touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive and always obey them. Also, if using your phone while driving, please observe the following:

- Give full attention to driving -- driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions or the law require it.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- Do not dispose of your battery by fire or with hazardous or flammable materials.
- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- The battery does not need to be fully discharged before recharging.

- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, MiniBrowser, and data connectivity kits affect battery life and talk/standby times.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all times after reading it.

Caution! *Violation of the instructions may cause minor or serious damage to the product.*

- Do not disassemble or open crush, bend or deform, puncture or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.

- Only use the battery with a charging system that has been qualified with the system per IEEE-Std-1725-2006. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard.
- The phone shall only be connected to USB products that bear the USB-IF logo or have completed the USB-IF compliance program.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Use the correct adapter for your phone when using the battery pack charger abroad.

- Only use the approved battery charger. Otherwise, you may cause serious damage to your phone.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery doesn't need to be empty before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or short-circuit the battery.
- Keep the battery's metal contacts clean.
- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, Browser, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.
- Do not disassemble or crush the battery. It may cause a fire.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.

- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Warning! Important safety information

Avoiding hearing damage

Permanent hearing loss may occur if you use your phone and/or headset at a high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears or muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- Limit the amount of time you use your phone and/or headset at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

For information about how to set a maximum volume limit on your phone, see the features guide for your phone.

Using your phone safely

Use of your phone while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using your phone if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

Using headsets safely

Use of headsets to listen to music while operating a vehicle is not recommended and is illegal in some areas. Be careful and attentive while driving. Stop using this device if you find it disruptive or distracting while operating any type of vehicle or performing any other activity that requires your full attention.

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the

reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (RF) energy at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure

coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term “wireless phone” refers here to handheld wireless phones with built-in antennas, often called “cell”, “mobile”, or “PCS”

phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure.

Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we do not know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years follow-up may be needed to provide answers about some

health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop — if they do — may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA) to do research on

wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model

of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

If there is a risk from these products — and at this point we do not know that there is — it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to Radio Frequency (RF) energy. Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above would apply to children and teenagers using

wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from

wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones (http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm)

Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

World Health Organization (WHO) International EMF Project (http://www.who.int/emf)

National Radiological Protection Board (UK) (http://www.hpa.org.uk/radiation/)

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.

4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip -- dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car.

Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations -- with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic

accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

The above tips are meant as general guidelines. Before deciding to use your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

Consumer Information on SAR

(Specific Absorption Rate)

This model phone meets the government's requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were

developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure Limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are

performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

This device was tested for typical body-worn operations with the back of the phone kept 0.79 inches (2.0 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.79 inches (2.0 cm) must be maintained between the user s body and the back of the phone. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Body-worn accessories that cannot maintain 0.79 inches (2.0 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model phone when tested for use at the ear is 0.84 W/kg and when worn on the body, as described in this user's manual, is 0.50 W/kg. While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

http://www.fcc.gov/oet/fccid after searching on FCC ID BEJVN270.

To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be

compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

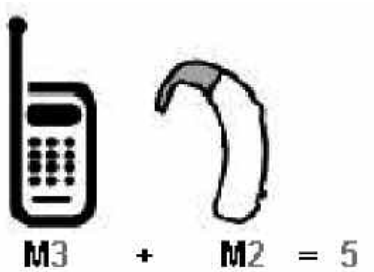
The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

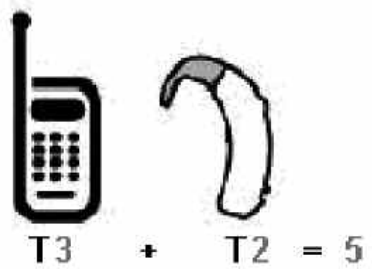
M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not

labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.





In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for

Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth must be disabled during a call. See Page 62 for instructions to disable this component.

For information about hearing aids and digital wireless phones

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/consumerfacts/hac_wireless.html

Accessories

There are a variety of accessories available for your mobile phone. Consult your local dealer for availability. Optional items are sold separately.

Wall/USB Adapter

Battery

Vehicle Power Charger

USB Cable

Stereo Headset Adapter with Microphone

Stylus Pen

Limited Warranty Statement

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

(1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

(3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S, including Alaska, Hawaii, U.S. Territories and Canada.

(4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

(6) The customer shall bear the cost of shipping the product to the Customer Service

Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law,

statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.

(7) Damage resulting from use of non-LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. WHAT LG WILL DO:

"LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information."

4. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN.

Limited Warranty Statement

LG SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

5. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets

P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS. Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

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MEMO

MEMO

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